ASSAP MOPS Issue I10 Status

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August 22

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- **Issue I10: Are 1090 Reports assembled (i.e., full state vectors) when received by ASSAP?**

  - **Yes, the Creation and Update of ADS-B Reports are based on Figure 2-22 in DO-260A and the associated section paragraph requirements (2.2.10.4.1.2 for airborne A/Vs and 2.2.10.4.2.2 for surface A/Vs).**

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■■ **The following ADS-B Reports are maintained and updated in the Track State:**

- ■ **State Vector Report (Airborne and Surface A/Vs)**

- ■ **Air Referenced Velocity Report (Airborne A/Vs)**

- ■ **Target State Report (Airborne A/Vs)**

- ■ **Mode Status Report (Airborne and Surface A/Vs)**

■■ **Report information is time tagged and maintained until replaced or a time period has elapsed.**

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■ **For airborne A/Vs**

- **The State Vector (SV) Report is updated on any of the following:**
  - ▶ **Receipt of airborne position message (2.2.10.4.1.2a)**
  - ▶ **Receipt of airborne velocity message of subtype 1 or 2 (2.2.10.4.1.2b)**

- **The Air Referenced Velocity (ARV) Report is updated on the following:**
  - ▶ **Receipt of airborne velocity message of subtype 3 or 4 (2.2.10.4.1.2c)**

- **The Target Status (TS) Report is updated on the following:**
  - ▶ **Receipt of target state and status message (having state information) (2.2.4.1.2e)**

- **The Mode Status (MS) Report is updated on any of the following:**
  - ▶ **Receipt of flight id message (2.2.10.4.1.2d)**
  - ▶ **Receipt of target state and status message (having state information) (2.2.10.4.1.2d)**
  - ▶ **Receipt of aircraft operational status message (2.2.10.4.1.2d)**
  - ▶ **Receipt of airborne velocity message (2.2.10.4.1.2d)**
  - ▶ **Receipt of aircraft status message (2.2.10.4.1.2d)**

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■■ **For surface A/Vs**

- ■ **The State Vector (SV) Report is updated on the following:**
  - ▶ **Receipt of surface position message (2.2.10.4.2.2a)**

- ■ **The Mode Status (MS) Report is updated on any of the following:**
  - ▶ **Receipt of flight id message (2.2.10.4.2.2b)**
  - ▶ **Receipt of aircraft operational status message (2.2.10.4.2.2b)**
  - ▶ **Receipt of aircraft status message (2.2.10.4.2.2b)**

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